Katukuri Varun Sai

6305038311 | varunsaikatukuri@gmail.com | **Linkedin** | **Github**

EDUCATION

NRI Institute of Technology   CGPA : 8.5
Bachelor of Technology in Computer Science(AI and ML)   *Nov 2021 – May 2025*

TECHNICAL SKILLS

Languages: Java, Python, Basics in JS, SQL , HTML/CSS
Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse
Libraries: Pandas, NumPy, Matplotlib

PROJECTS

Login Form Validation | *Java, Servlet,JDBC, MySQL*
- Designed and implemented a robust HTML login form with enhanced security measures to effectively capture and safeguard user credentials, significantly improving authentication security and user data protection.
- Created the MySQL database structure with data protection in mind, including industry-standard encryption mechanisms to store hashed passwords.
- Implemented server-side validation logic with Java Servlets and JDBC API to securely authenticate user login attempts, ensuring data integrity within the web application.
- Led seamless integration of login system into online apps, fortifying security measures and documenting standards, optimizing authentication and bolstering data protection for lasting impact.

Sentiment Analysis | *Python, NLTK Lib, Numpy ,Pandas ,MatplotLib,Scikit-learn*
- Engineered a sentiment analysis model in Python for restaurant reviews, optimizing decision-making and driving a 30percent increase in positive sentiment among customers, alongside a 20 percent boost in repeat business.
- Used a variety of machine learning methods, such as Random Forest, SVM, Naive Bayes, and Logistic Regression.
- 81 percent accuracy was attained using a voting classifier, combining predictions for improved performance.

CERTIFICATIONS

Java Full Stack Certification   May 2024 - Sep 2024
Wipro TalentNext
- Developed comprehensive skills in Java Full Stack technologies, including front-end, back-end, and database management.
- Completed assignments simulating real-world full-stack development scenarios.
- Enhanced digital skills in collaboration with Wipro's TalentNext program, preparing for industry-level software development.

Java Full Stack   Feb 2023 - Jul 2023
HMI Engineering Services
- Created a secure login system using Servlets, Java, and MySQL.
- Worked collaboratively to create a smooth web app connection.
- Documented for future maintenance purposes.

Machine Learning Internship   May 2022 - Jul 2022
Verzeo Edutech Private Limited
- Completed a certificate program on "Sentiment Analysis for Restaurant Reviews" using Python.
- Gained skills in text processing, feature engineering, and model training.
- Implemented a real-time sentiment analysis model for restaurant reviews.

EXTRA CURRICULAR ACTIVITIES

- Directed a team of 5 individuals in a project.
- Attended various AI workshops hosted by Freedom With AI and Be10x.
- Attended the Sunrise National Technical Event's Calligraphy Competition.
- Attended Java Bootcamps by Devtown
- Hobbies include Editing, Cricket, Creating Memes and Thumbnails.